A compound of the general formula:



wherein:

- a) Rb and Ro are independently -H, -Cl, -Br, -I, -F, -CN, lower alkyl, -OH, -CH2-OH, -NH2; or N(R6)(R7), wherein R6 and R7 are independently hydrogen of an alkyl or branched alkyl with up to 6 carbons;
- b) R_a is -N₃, -C = N₁, -C = C-R₂, -C=CH-R₃, -R-C=CH₂, -C=CH₃ -O-R, -R-R1, or -O-R-R1 where R is a straight or branched alkyl with up to 10 carbons of aralkyl, and R1 is -OH, -NH2, -Cl, -Br, -I, -F or CF3;

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c) Z' is >CH, >COH, or >C-R2-OH, where R2 is an alkyl or branched alkyl with up to 10 carbons or aralkyl;

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- d) >C-R_g is > ψ H₂, >C(H)-OH, >C=O, >C=N-OH, >C(R₃)OH, >C=N-OR3, >C(H)-NH2, >C(H)-NHR3, >C(H)-NR3R4, or >C(H)-C(O)-R3, where each R3 and R4 is independently an alkyl or branched alkyl with up to 10 carbons or aralkyl;
- e) R_{h1} and R_{h2} are independently H, or a straight or branched chain alkyl, alkenyl or alkynyl with up to 6 carbons that is

unsubstituted, or substituted with one or more groups selected from a hetero functionality (O-Y, N-Y or S-Y) where Y is H, Me or an alkyl chain up to 6 carbons; a halo functionality (F, Cl, Br or I); an aromatic group optionally substituted with hetero, halo or alkyl; or R_{h1} and R_{h2} are independently an aromatic group optionally substituted with hetero, halo or alkyl, provided that both R_{h1} and R_{h2} are not H;

f) Z" is >CH2, >C=O, >C(H)-OH, >C=N-OH, >C=N-OR5, > C(H)-C \equiv N, or >C(H)-NR5R5, wherein each R5 is independently hydrogen, an alkyl or branched alkyl with up to 10 carbons or aralkyl;

and wherein all monosubstituted substituents have either an α or β configuration.

- 2. The compound of Claim 1, wherein:
 Rb and Ro are H,
 Ra is OCH3
 Z' is >C-OH,
 >C-Rg is >C(H)-β-OH, and
 Z" is >CH2.
- 3. The compound of Claim 2, wherein: R_{h1} and R_{h2} are independently H and Et.
- 4. The compound of Claim 2, wherein: R_{h1} and R_{h2} are independently H and n-Pr.
- 5. The compound of Claim 2, wherein:

 R_{h1} and R_{h2} are independently H and i-Bu.
- 6. The compound of Claim 2, wherein:

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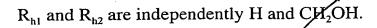
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- 7. The compound of Claim 2, wherein: R_{h1} and R_{h2} are independently H and n-Bu.
- 8. The compound of Claim 2, wherein: R_{h1} and R_{h2} are independently H and Me.

9. The compound of Claim 2, wherein: R_{h1} and R_{h2} are independently H and $(CH_2)_n$ - $C(Me)_2$.

10. A method of inhibiting angiogenesis comprising administering to an endothelial cell an angiogenesis inhibiting amount of a compound of the general formula:

a) Rb and Ro are independently -H, -Cl, -Br, -I, -F, -CN, lower alkyl, -OH, -CH₂-OH, -NH₂; or N(R₆)(R₇), wherein R₆ and R₇ are independently hydrogen or an alkyl or branched alkyl with up to 6

carbons;

wherein:

b) R_a is -N3, -C = N, -C = C-R, -C=CH-R, -R-C=CH2, -C=CH3, -O-R, -R-R1, or -O-R-R1 where R is a straight or branched alkyl with up to 10 carbons or aralkyl, and R1 is -OH, -NH2, -Cl, -Br, -I, -F or CF3;

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d) >C-Rg is >CH2, >C(H)-OH, >C=O, >C=N-OH, >C(R3)OH, >C=N-OR3, >C(H)-NH2, >C(H)-NHR3, >C(H)-NR3R4, or >C(H)-C(O)-R3, where each R3 and R4 is independently an alkyl or branched alkyl with up to 10 carbons or aralkyl;

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e) R_{h1} and R_{h2} are independently H, or a straight or branched chain alkyl, alkenyl or alkynyl with up to 6 carbons that is unsubstituted, or substituted with one or more groups selected from a hetero functionality (O-Y, N-Y or S-Y) where Y is H, Me or an alkyl chain up to 6 carbons; a halo functionality (F, Cl, Br or I); an aromatic group optionally substituted with hetero, halo or alkyl; or R_{h1} and R_{h2} are independently an aromatic group optionally substituted with hetero, halo or alkyl, provided that both R_{h1} and R_{h2} are not H;

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f) Z" is >CH2, >C=O, >C(H)-OH, >C=N-OH, >C=N-OR5, >C(H)-C \equiv N or >C(H)-NR5R5, wherein each R5 is independently hydrogen, an alkyl or branched alkyl with up to 10 carbons or aralkyl;

and wherein all monosubstituted substituents have either an α

or β configuration.